

# JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

Publication Number: 10314308 A

Date of Publication: 1998.12.02

Int.Class: A61M 16/06

Date of Filing: 1998.05.01

Applicant: SMITHS IND PLC  
Inventor: PAGAN ERIC  
MASK ASSEMBLY FOR LARYNX PART

## Abstract:

**PROBLEM TO BE SOLVED:** To effect sealing with a tissue at the part of a lower larynx by extending a tubular cuff structure member to an inlet of a larynx part and almost onto the axis of a tubular shaft to be expandable beyond a mask part.

**SOLUTION:** An mask assembly of a larynx part has a tubular shaft 1 including the mask part 30 formed out of an elastic skirt toward an end part 2 on the side of a patient and the tubular shaft is sealed with a tissue at the part of a lower larynx. An expandable cuff 4 having several tubular reinforced structure members sticks out in an shaft line to an inlet 34 of the assembly at the larynx part on the side of the patient. The cuff 4 has a flap toward an end part on the side of the patient and the flap has the passage thereof normally closed by the cuff to prevent the approach of an epiglottidea. The flap can be pulled to one way by a cord 50 having the flap fastened thereon and causes the epiglottidea to be deformed to open the passage running through the cuff 4.

COPYRIGHT: (C)1998,JPO

